

STEREO MOC Status Report
Time Period: 2010:326 - 2010:332

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 326, during the DSS 54 support, command bind was lost at 0606z due to a transmitter exciter anomaly. The MOC rebound the command link at 0633z. All planned commands were sent satisfactory. See DR# N106770 for more information.
- On day 326, during the DSS 14 support, no ranging was available due to an equipment anomaly. The ranging anomaly also resulted in a late BOT at 1303z. At 1416z through 1503z turbo decoder lock was lost intermittently due to weather. These anomalies resulted in the loss of an hour of instrument SSR data. See DR# G110782, G110783, and N106773 for more information.
- On day 328, during the DSS 24 support, the antenna controller reset at 1359z. The downlink and uplink were re-established and SSR pointers were repositioned to maintain data continuity at 1435z. All SSR data was recovered. See DR# G110792 and G110793 for more information.
- On day 329, during the DSS 15 support, turbo decoder lock was lost intermittently at 1219z through 1221z. All SSR data was recovered. See DR# N106777 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 326, IMPACT LET real-time commanding was conducted.
- The average daily SSR playback volume for Ahead was 5.3 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 327, during the DSS 15 support, turbo decoder lock was lost intermittently at 328-0031z through 0032z. This

resulted in the loss of several minutes of instrument SSR data. A DR has been requested.

- On day 329, during the DSS 54 support, command bind was lost at 1817z due to a transmitter exciter anomaly. The MOC rebound the command link at 1838z. All planned commands were sent satisfactory. A DR has been requested.
- On day 330, during the DSS 26 support, turbo decoder lock was lost briefly at 0200z. This resulted in the loss of several minutes of instrument SSR data. A DR has been requested.
- On day 331, during the DSS 54 support, command bind was lost at 1554z due to a transmitter exciter anomaly. The MOC rebound the command link at 1837z. All planned commands were sent satisfactory. See DR# M106061 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 326, IMPACT LET real-time commanding was conducted.
- The average daily SSR playback volume for Behind was 5.0 Gbits during this week.